

#10150  
4/16/02

1636

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/831,907A

DATE: 04/08/2002  
TIME: 10:34:29

Input Set : A:\208888.ST25.txt  
Output Set: N:\CRF3\04082002\I831907A.raw

3 <110> APPLICANT: BEAUVILLAIN, JEAN-CLAUDE  
4 COULOUARN, YOLAINNE  
5 JEGOU, SYLVIE  
6 LIHRMANN, ISABELLE  
7 VAUDRY, HUBERT  
9 <120> TITLE OF INVENTION: MAMMALIAN UROTENSINS II AND APPLICATIONS THEREOF  
11 <130> FILE REFERENCE: 208888US0PCT  
13 <140> CURRENT APPLICATION NUMBER: 09/831,907A  
C--> 14 <141> CURRENT FILING DATE: 2001-09-18  
16 <150> PRIOR APPLICATION NUMBER: FR 98/14914  
17 <151> PRIOR FILING DATE: 1998-11-26  
19 <160> NUMBER OF SEQ ID NOS: 64  
21 <170> SOFTWARE: PatentIn version 3.1  
23 <210> SEQ ID NO: 1  
24 <211> LENGTH: 124  
25 <212> TYPE: PRT  
26 <213> ORGANISM: Artificial Sequence  
28 <220> FEATURE:  
29 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE  
31 <400> SEQUENCE: 1  
33 Met Tyr Lys Leu Ala Ser Cys Cys Leu Leu Phe Ile Gly Phe Leu Asn  
34 1 5 10 15  
37 Pro Leu Leu Ser Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln  
38 20 25 30  
41 Leu Ser Ala Pro His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu  
42 35 40 45  
45 Arg Ala Ser Leu Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg  
46 50 55 60  
49 Gly Asp Ile Leu Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro  
50 65 70 75 80  
53 Arg Gly Asn Leu Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn  
54 85 90 95  
57 Ile Leu Leu Ser His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys  
58 100 105 110  
61 Arg Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val  
62 115 120  
65 <210> SEQ ID NO: 2  
66 <211> LENGTH: 104  
67 <212> TYPE: PRT  
68 <213> ORGANISM: Artificial Sequence  
70 <220> FEATURE:  
71 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE  
73 <400> SEQUENCE: 2

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75 Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln Leu Ser Ala Pro
76 1      5          10          15
79 His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu Arg Ala Ser Leu
80      20         25          30
83 Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg Gly Asp Ile Leu
84      35         40          45
87 Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro Arg Gly Asn Leu
88      50         55          60
91 Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn Ile Leu Leu Ser
92 65      70         75          80
95 His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys Arg Glu Thr Pro
96      85         90          95
99 Asp Cys Phe Trp Lys Tyr Cys Val
100      100
103 <210> SEQ ID NO: 3
104 <211> LENGTH: 11
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE
111 <400> SEQUENCE: 3
113 Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val
114 1      5          10
117 <210> SEQ ID NO: 4
118 <211> LENGTH: 551
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: SYNTHETIC DNA
125 <400> SEQUENCE: 4
126 ccaagaagga agccgtctat cttgtggcga tcatgtataa gctggcctcc tgctgtttgc 60
128 tttcatagg attcttaat cctctttat ctcttcctt ccttgactcc agggaaatat 120
130 ccttcaact ctcagcacct catgaagacg cgcgcttaac tccggaggac gtagaaagag 180
132 ctccccttct acagatactg ccagagatgc tgggtgcaga aagagggat attctcagga 240
134 aagcagactc aagtaccaac attttaacc caataggaaa tttgagaaaag tttcaggatt 300
136 tctctggaca agatcctaac atttactga gtcatcttt ggccagaatc tggaaaccat 360
138 acaagaaacg ttagactcct gattgcttct gaaaaactg tgtctgaagt gaaataagca 420
140 tctgttagtc agtcagaaa caccatctt agaatatgaa aaataacaca atgcttgatt 480
142 tgaaaacagt gtggagaaaa actaggcaa ctacaccctg ttcattgtta cctggaaaat 540
144 aaatcctcta t 551
147 <210> SEQ ID NO: 5
148 <211> LENGTH: 315
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: SYNTHETIC DNA
155 <400> SEQUENCE: 5
156 cttcctctcc ttgactccag gaaaaatacc tttcaactct cagcacctca tgaagacgcg 60
158 cgcttaactc cggaggagct agaaagagct tcccttctac agatactgcc agagatgctg 120
  
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160 ggtgcagaaa gagggatat tctcaggaaa gcagactcaa gtaccaacat ttttaaccca      180
162 agaggaaatt tgagaaagt tcaggattc tctggacaag atcctaacat ttactgagt      240
164 catctttgg ccagaatctg gaaaccatac aagaaacgtg agactcctga ttgcttctgg      300
166 aaatactgtg tctga                                         315
169 <210> SEQ ID NO: 6
170 <211> LENGTH: 36
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: SYNTHETIC DNA
177 <400> SEQUENCE: 6
178 gagactcctg attgcttctg gaaatactgt gtctga                                         36
181 <210> SEQ ID NO: 7
182 <211> LENGTH: 26
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: SYNTHETIC DNA
189 <400> SEQUENCE: 7
190 aacccaagag gaaatttgag aaagtt                                         26
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194 <211> LENGTH: 25
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: SYNTHETIC DNA
201 <400> SEQUENCE: 8
202 ccaggttaaca atgaacaggg tgttag                                         25
205 <210> SEQ ID NO: 9
206 <211> LENGTH: 7
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE
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215 Cys Phe Trp Lys Tyr Cys Val
216 1          5
219 <210> SEQ ID NO: 10
220 <211> LENGTH: 19
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: SYNTHETIC DNA
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228 ctgccagaga tgctgggtg                                         19
231 <210> SEQ ID NO: 11
232 <211> LENGTH: 24
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
  
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236 <220> FEATURE:
237 <223> OTHER INFORMATION: SYNTHETIC DNA
239 <400> SEQUENCE: 11
240 gacacagtat ttccagaagc aatc 24
243 <210> SEQ ID NO: 12
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: SYNTHETIC DNA
251 <400> SEQUENCE: 12
252 cttccctgctg tttgctttc 20
255 <210> SEQ ID NO: 13
256 <211> LENGTH: 20
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: SYNTHETIC DNA
263 <400> SEQUENCE: 13
264 cccagcatct ctggcagtagt 20
267 <210> SEQ ID NO: 14
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: SYNTHETIC DNA
275 <400> SEQUENCE: 14
276 gaagccgtct atcttgtggc 20
279 <210> SEQ ID NO: 15
280 <211> LENGTH: 20
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: SYNTHETIC DNA
287 <400> SEQUENCE: 15
288 cgtcttatctt gtggcgatca 20
291 <210> SEQ ID NO: 16
292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: SYNTHETIC DNA
299 <400> SEQUENCE: 16
300 cgtcttcatg aggtgctgag 20
303 <210> SEQ ID NO: 17
304 <211> LENGTH: 20
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:

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Input Set : A:\208888.ST25.txt  
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309 <223> OTHER INFORMATION: SYNTHETIC DNA  
 311 <400> SEQUENCE: 17  
 312 ggaagccgtc tatcttgtgg 20  
 315 <210> SEQ ID NO: 18  
 316 <211> LENGTH: 529  
 317 <212> TYPE: DNA  
 318 <213> ORGANISM: Artificial Sequence  
 320 <220> FEATURE:  
 321 <223> OTHER INFORMATION: SYNTHETIC DNA  
 323 <400> SEQUENCE: 18  
 324 cggagcagac acccagccag acttcttccc gtcgtcatgg acagggtgcc cttctgctgc 60  
 326 ctgtcttcg taggactcct gaatccactc ctgtctttc ccgtcacgga cactggtaa 120  
 328 atgtctcttc agttccagt gcttgaggaa aatgctcttc gggctctgga ggagctggag 180  
 330 aggactgccc tcctgcagac gctgcgccag accgtggca cagaagcaga gggaagcctt 240  
 332 ggccaggcag atcccagtgc cgagactccc actccaaggga gaagcttgag gaaggctctc 300  
 334 actgggcaag attctaacac tgtactgagc cgtctttgg cgagaaccag gaaacaacgt 360  
 336 aagcaacacg ggactgcccc agaatgcttc tggaaagtact gcatttgaag agagacgtct 420  
 338 cctcagaacc atcaacttcag gaaactaaag agcagatgct tgaagaaaaa tcgtgccaac 480  
 340 aacgccccgt tctccactat gagaaataaa ccctctatgt ttctcaact 529  
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 344 <211> LENGTH: 312  
 345 <212> TYPE: DNA  
 346 <213> ORGANISM: Artificial Sequence  
 348 <220> FEATURE:  
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 354 cttcgggctc tggaggagct ggagaggact gccctcctgc agacgctgctg ccagaccgtg 120  
 356 ggcacagaag cagagggaag cttggccag gcagatccca gtgccgagac tcccactcca 180  
 358 agggaaagct tgaggaaggc tctcactggg caagattcta acactgtact gagccgtctt 240  
 360 ttggcgagaa ccaggaaaca acgtaagcaa cacggactg ccccagaatg cttctggaag 300  
 362 tactgcatt ga 312  
 365 <210> SEQ ID NO: 20  
 366 <211> LENGTH: 42  
 367 <212> TYPE: DNA  
 368 <213> ORGANISM: Artificial Sequence  
 370 <220> FEATURE:  
 371 <223> OTHER INFORMATION: SYNTHETIC DNA  
 373 <400> SEQUENCE: 20  
 374 caacacggga ctgccccaga atgcttctgg aagtactgca tt 42  
 377 <210> SEQ ID NO: 21  
 378 <211> LENGTH: 20  
 379 <212> TYPE: DNA  
 380 <213> ORGANISM: Artificial Sequence  
 382 <220> FEATURE:  
 383 <223> OTHER INFORMATION: SYNTHETIC DNA  
 385 <400> SEQUENCE: 21  
 386 agcttccagt gcttgaggaa 20  
 389 <210> SEQ ID NO: 22

FNU

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence entry using n or Xaa.

**VERIFICATION SUMMARY**

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DATE: 04/08/2002

TIME: 10:34:30

Input Set : A:\208888.ST25.txt

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45